





Additional File 1. Stages (1-40) of normal development of *Fundulus heteroclitus*. A-anus; AP-animal pole; AT-atrium; AV-auditory vesicle; BC-body cavity; BD-blastoderm; BI-blood islands; BK-blastodisc; BM-blastomere; CA-caudal artery; CF-caudal fin; CG-cortical granules; CH-chorion; CL-cleavage; CR-caudal fin rays; DC-duct of Cuvier; DL-dorsal lip; EA-embryonic axis; ES-embryonic shield; EY-eye; FB-forebrain; GB-gall bladder; GT-gut; H-heart; HB-hindbrain; HG-heart region; HR-head region; IC-inner cells; L-optic lens; LJ-lower jaw; LV-liver; MB-midbrain; MP-micopyle; MPH-melanophores; MR-morula; NK-neural keel; OB-optic bud; OC-outer cells; OD-oil droplet; OF-olfactory pits; OL-optic lobe; OM-operculum; OP-optic cup; OR-oral cavity; OT-otolith; OV-optic vesicle; PB-periblast; PC-pericardial cavity; PF-pectoral fin; RT-retina; SO-somite; SR-somite region; UB-urinary bladder; VM-vitaline membrane; VP-vegetal pole; VT-ventricle; Y-yolk. See Additional File 4 for stage descriptions.